

Multi-Probiotic Sinus Support

DESCRIPTION

Multi-Probiotic is a unique formula that offers targeted sinus support.† It contains four strains of probiotics and NutraFlora® scFOS® prebiotic fiber to support the immune system, combined with N-Acetyl-L-Cysteine (NAC) for its antioxidant and mucolytic properties beneficial for nasal and bronchial health, and the bioflavonoid Quercetin helps maintain respiratory support.†

FUNCTIONS

N-Acetyl-L-Cysteine (NAC) is a powerful, natural antioxidant that works in the sinus and nasal passages to support normal mucus viscosity and flow. NAC is efficiently transported into the cell where it is readily converted to cysteine for glutathione synthesis. Thus, supplementation with N-Acetyl-L-Cysteine can raise intracellular glutathione levels. As such, glutathione is a powerful antioxidant to scavenge toxic free radicals and inhibit peroxidation. Quercetin a common type of flavonoid found in various plants that provides antioxidant protection against environmental stresses. In laboratory studies, quercetin supports normal histamine release, which is important for supporting sinus health. †

Probiotics are supplemental live, beneficial intestinal micro-organisms for gastrointestinal health and immune support. † Probiotics have been shown to exert a beneficial support through modification of the immune system host via the gut environment. Clinical trials also suggest that the exposure to healthy microbes through the gastrointestinal tract powerfully shapes immune function.† Multiple studies have indicated that multi-strain probiotic blends with lactobacilli, bifidobacterium, and streptococcus can provide optimal support for a diverse range of health needs.†

Research indicates that healthy microflora is critical to promote healthy nasal mucus. There is increasing evidence that oral probiotics support immune function at distal mucosal sites, stimulating a healthy mucosal immune system response. † *Streptococcus thermophilus* combined with *L.acidophilus* and *bifidobacterium* have demonstrated positive support of upper respiratory tract health. †

scFOS, also called short chain fructooligosaccharides, are prebiotics that have short molecular chains. They function as non-digestible fiber that can positively affect selected groups of beneficial intestinal microflora, such as lactobacillus. While probiotics merely add beneficial microflora, prebiotics influence the intestinal environment so that beneficial colonies of microflora can flourish. By aiding the beneficial microflora's survival, less desirable microflora can have a decreased chance of survival.

INDICATIONS

Multi-Probiotic Sinus Support is indicated for individuals that desire a broad-spectrum sinus and immune support formula.

FORMULA (#202117-90X)

Serving size 1 vegetarian capsule:

Proprietary Blend 280 mg (yielding 7 billion CFU)
N-Acetyl-L-Cysteine, Quercetin, Short Chain Fructooligosaccharides
(NutraFlora® scFOS®), *Bifidobacterium bifidum*, *Lactobacillus acidophilus*, *Lactobacillus rhamnosus*, *Streptococcus thermophilus*

Other ingredients: Hydroxypropyl methylcellulose (capsule), vegetable stearate.

SUGGESTED USE

Take 1 capsule 3 times daily, preferably on an empty stomach, or as directed by a healthcare professional.

Multi-Probiotic Sinus Support†

SIDE EFFECTS

No adverse effects have been reported.

STORAGE

Store in a cool, dry place, away from direct light. After opening, refrigerate with lid tightly sealed for optimal results. Keep out of reach of children.

REFERENCES

Glück U, Gebbers JO. Am J Clin Nutr. 2003 Feb;77(2):517-20.

Guibas G, et al. International Forum Of Allergy & Rhinology [serial online]. July 2013;3(7):543-549.

Cross ML. Int J Immunopathol Pharmacol. 2004 May-Aug;17(2):127-34. Review.

Matsuyama T, et al. J Control Release. 2006 Oct 10;115(2):183-8.

Kumar P, et al. Experimental Lung Research [serial online]. June 2005;31(5):449-459.

Boots AW, Haenen GR, Bast A. Eur J Pharmacol. 2008 May 13;585(2-3):325-37.

Thornhill SM, Kelly AM. Altern Med Rev. 2000 Oct;5(5):448-54. Review.

Collins MD, Gibson GR. Am J Clin Nutr 1999;69:1052S-1057S.

Robert J, et al. American Journal of Clinical Nutrition, Vol. 83, No. 6, 1256-1264, June 2006

Lin CS, et al. Biomed J. 2014 Sep-Oct;37(5):259-68. doi: 10.4103/2319-4170.138314.

For more information on Multi-Probiotic formulations, visit douglaslabs.com

† These statements have not been evaluated by the Food and Drug Administration.
This product is not intended to diagnose, treat, cure, or prevent any disease.

Manufactured by
Douglas Laboratories
600 Boyce Road
Pittsburgh, PA 15205
800-245-4440
douglaslabs.com



You trust Douglas Laboratories.
Your patients trust you.